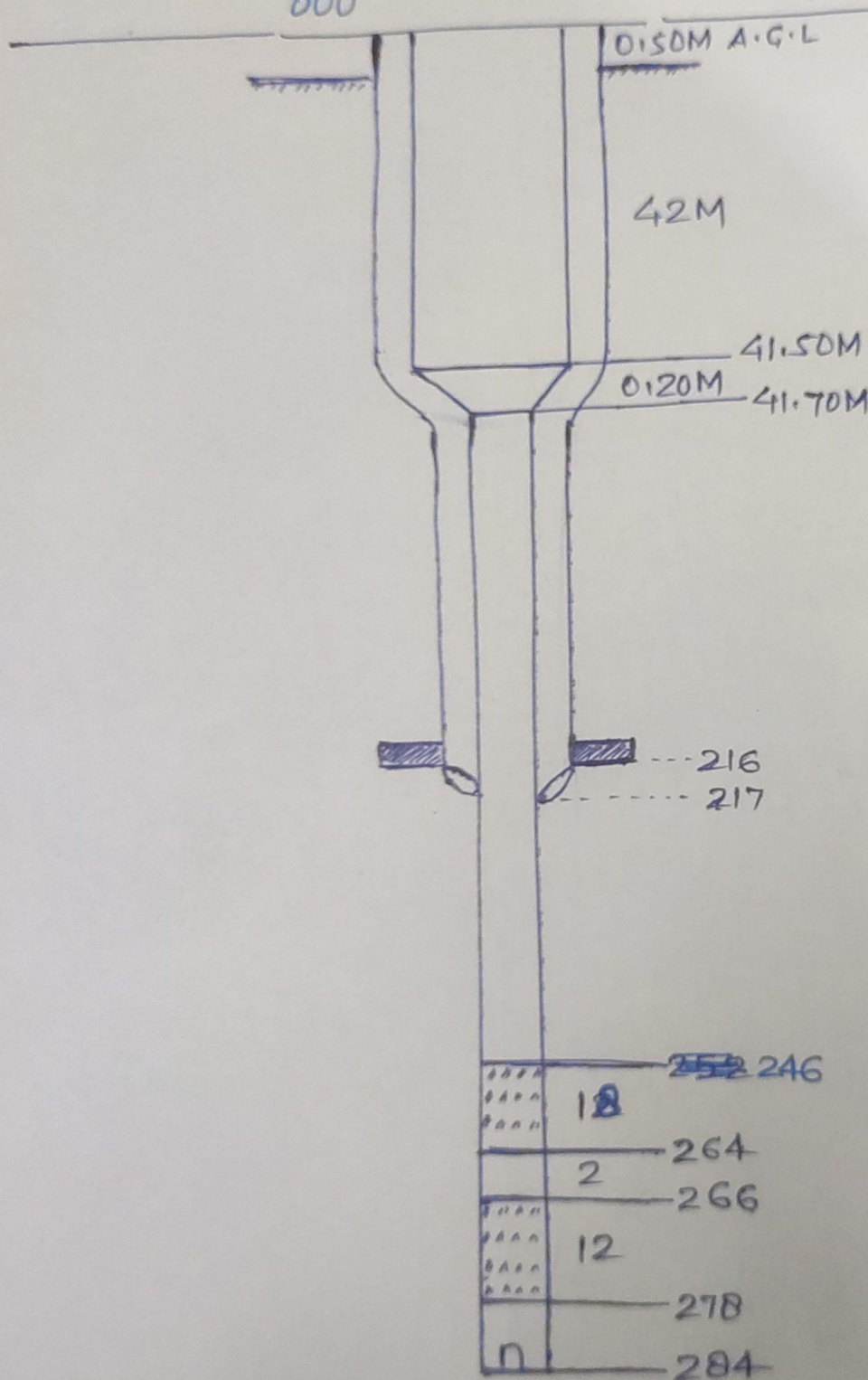


HARANA ANAURA
 Proposed T/W Assembly of ~~HARANI AUSE~~ ~~PROBANAURA~~
 W/S Scheme Block Jarnwal Distt Bahraich
 $Q_E = \frac{850}{800}$ lpm, $H = 35m$, T/W Size - $300 \times 150mm$



Logging Report

04.03.22

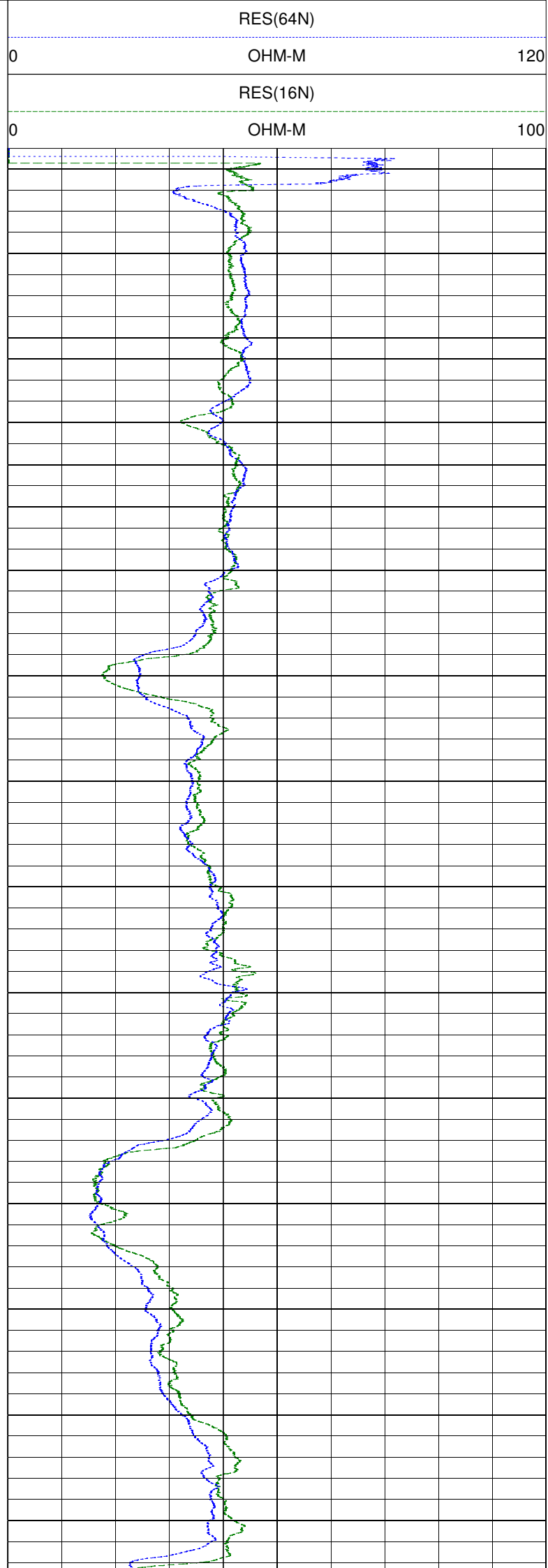
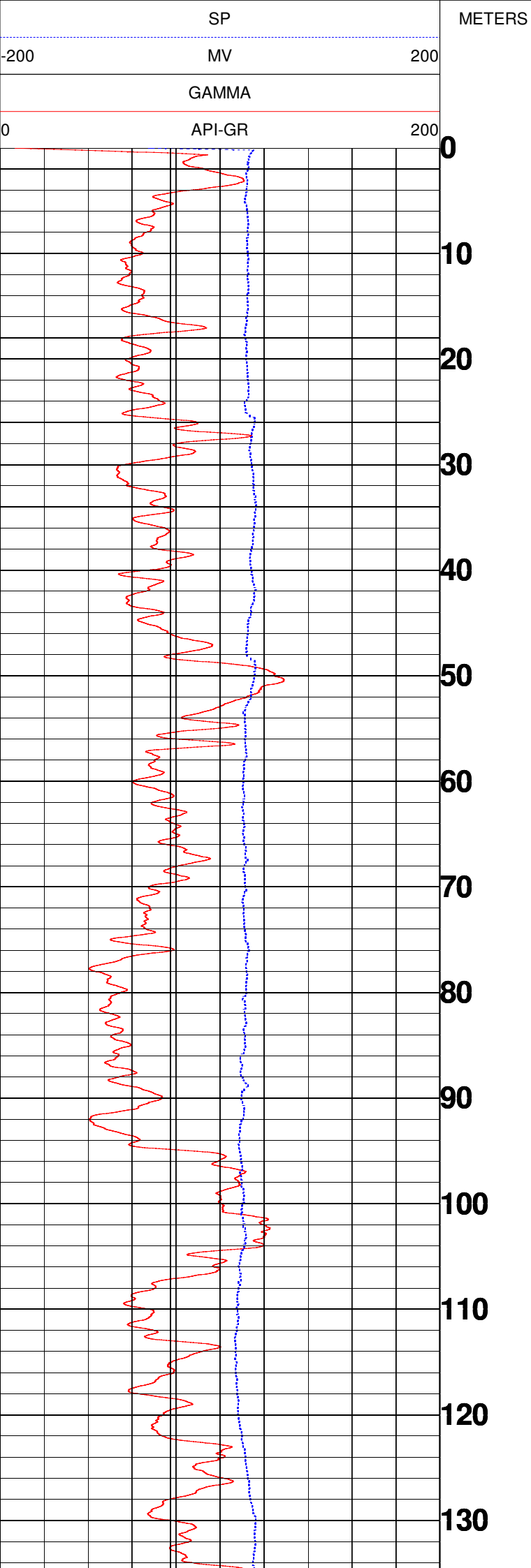
16. 162-165 = 3 clay
17. 165-184 = 19 M/s + f/s
18. 184-200 = 16 f/s
19. 200-212 = 12 M/s + f/s
20. 212-216 = 4 clay
21. 216-279 = 63 f/s + M/s
22. 279-317 = 38 clay with sand
23. 317-330 = 13 f/s.

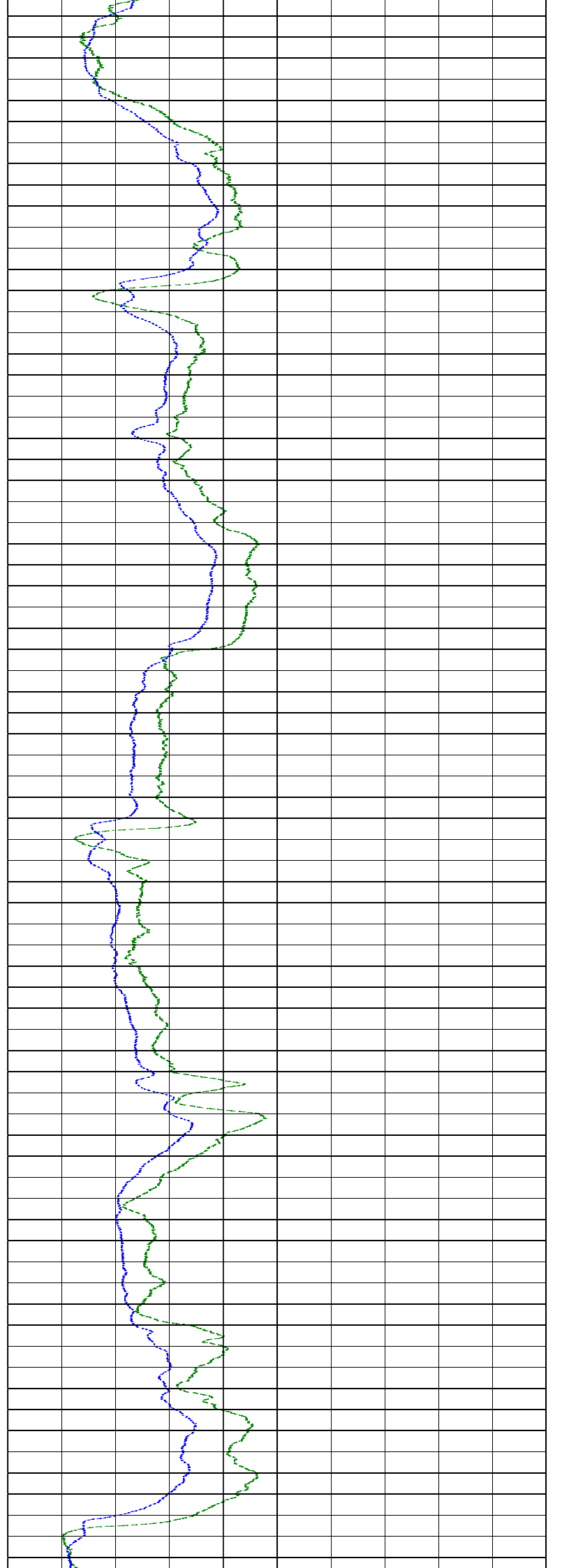
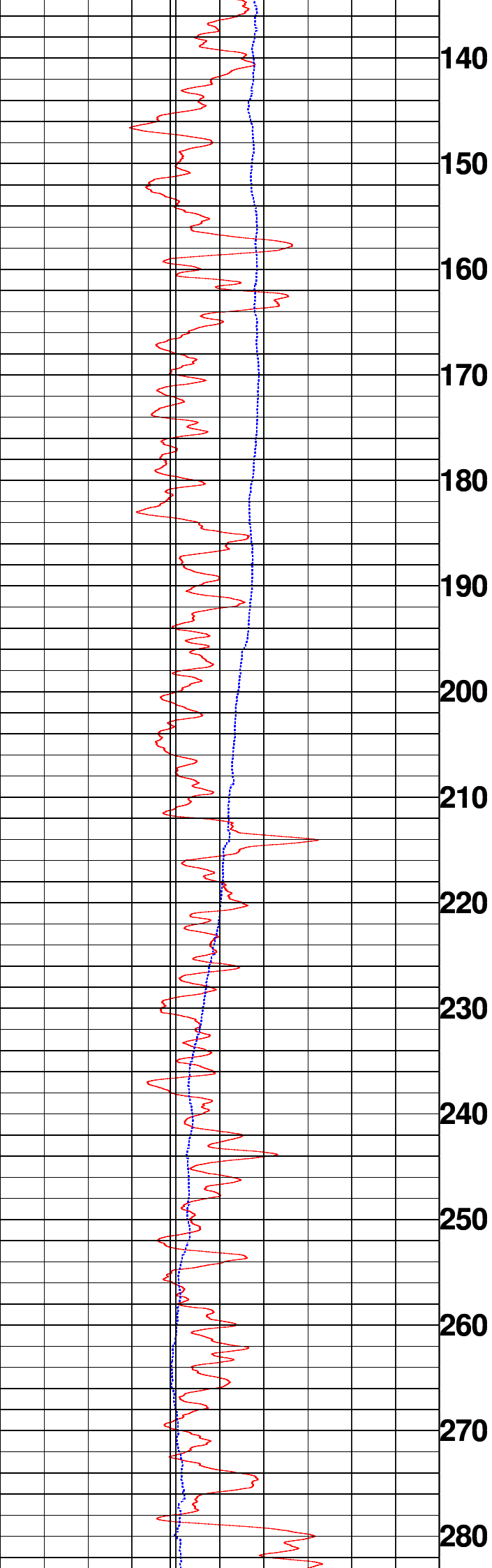


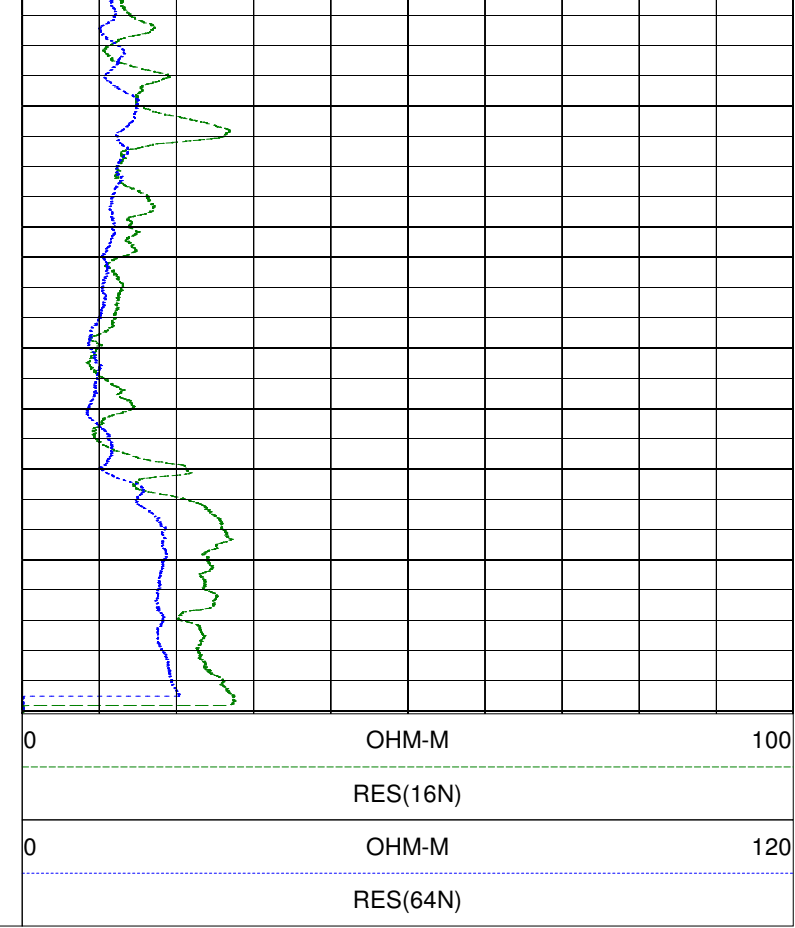
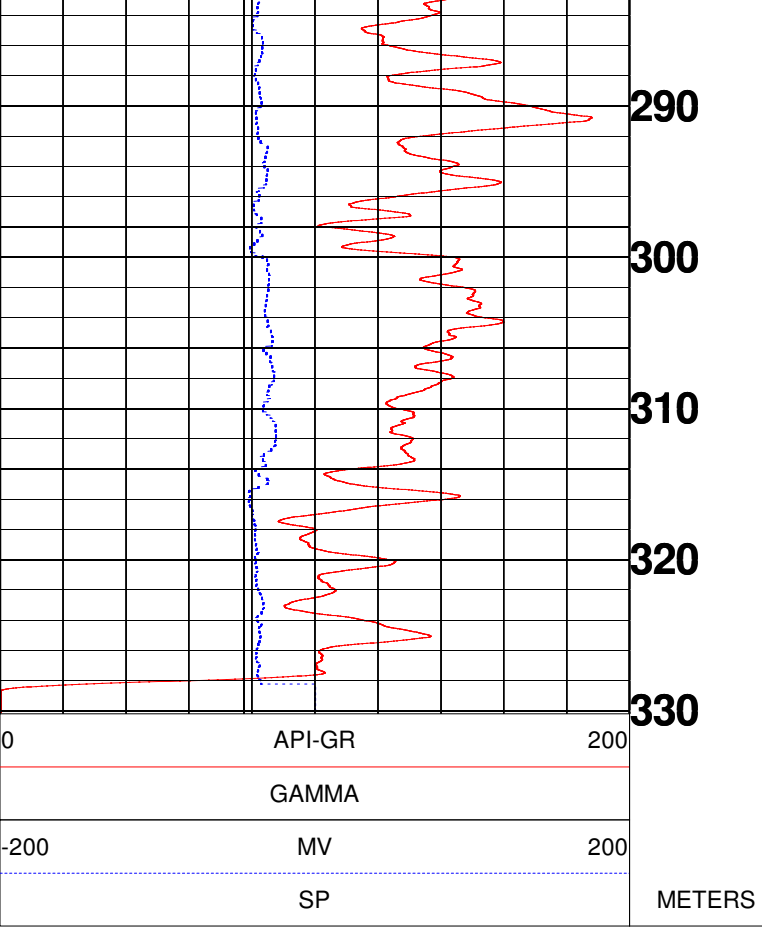
MAPL

HARNA ANAURA,JARWAL

COMPANY : SHIV DRILLERS		OTHER SERVICES:
WELL : HARNA ANAURA,JARWAL		DEPTH
FIELD : JARWAL		SCALE
COUNTY : INDIA		1:200
STATE : UP		
LOCATION :		
SECTION :		
TOWNSHIP :		
RANGE :		
API NO. :		
UNIQUE WELL ID. :		
PERMANENT DATUM : MSL	ELEVATION KB :	
LOG MEASURED FROM: GL	ELEVATION DF :	
DRL MEASURED FROM: GL	ELEVATION GL :	
DATE : 03/04/22	RIG NUMBER :	
DEPTH DRILLER : 330	LOGGER TD :	
BIT SIZE : 12	ARRIVAL TIME :	
LOG TOP : 0.05	DEPARTURE TIME:	
LOG BOTTOM : 330.16	CIRC STOPPED :	
CASING OD :		
CASING BOTTOM : 0		
CASING TYPE :		
BOREHOLE FLUID : MUD		
RM TEMPERATURE :		
MUD RES :		
MUD WEIGHT :		
WITNESSED BY : SHIV DRILLERS		
RECORDED BY : ASHOK KUMAR		
REMARKS 1 :		
REMARKS 2 : NQ SIZE		
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS		









MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	HARNA ANAURA	DATE OF LOGGING:	04.03.2022
BLOCK:	JARWAL	DRILLING DEPTH:	330.00M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	330.16M
ENGINEER:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.

AQUIFER:-

The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred as Aquifer Zones.

CLAY:-

The depth zones with less resistivity and relatively high Natural Gamma radioactivity values are referred as Clay zones.

NOTE:- These values are only indicative. The thin clay or sand layer does not reveal its actual resistivity value

Sl. No.	Depth		Thickness (m)	Inferred lithology	Remark(Quality of Aquifer Water)
	From (m)	To (m)			
1	0	6	6	Top Soil	
2	6	26	20	Coares grain sand	Good
3	26	29	3	Clay	
4	29	46	17	Coares to medium grain sand	Good
5	46	48.5	2.5	Fine grain sand	Medium
6	48.5	53.5	5	Clay	
7	53.5	57	3.5	Fine grain sand	Medium
8	57	62.5	5.5	Medium grain sand	Good
9	62.5	70	7.5	Medium to fine grain sand	Good
10	70	95	25	Coares grain sand	Good
11	95	107	12	Clay with sand	
12	107	134	27	Medium to fine grain sand	Good
13	134	143	9	Clay with sand	
14	143	154	11	Medium to fine grain sand	Good
15	154	162	8	Fine grain sand	Medium
16	162	165	3	Clay	
17	165	184	19	Medium to fine grain sand	Good
18	184	200	16	Fine grain sand	Medium
19	200	212	12	Medium to fine grain sand	Good
20	212	216	4	Clay	
21	216	279	63	Fine to medium grain sand	Medium
22	279	317	38	Clay with sand	
23	317	330	13	Fine grain sand	Medium

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist